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Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

ATTORNEY DOCKET NO. 10004331-1

Inventor(s): Ken A. Nishimura & Jonathan Simon

Serial No.: 10/087,386

Examiner: Dzung D. Tran

Filing Date: March 1, 2002

Group Art Unit: 2633

Title: An Optical Signal Multiplexer/Demultiplexer Employing Pseudorandom Mode Modulation

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
( ) No additional fee (Address envelope to "Box Non-Fee Amendments")  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

| CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY       |  |                        |  |                         |             |                           |
|--|--|------------------------|--|-------------------------|-------------|---------------------------|
| (1)<br>FOR   | (2)<br>CLAIMS REMAINING<br>AFTER AMENDMENT | (3)<br>NUMBER<br>EXTRA | (4)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR | (5)<br>PRESENT<br>EXTRA | (6)<br>RATE | (7)<br>ADDITIONAL<br>FEES |
| TOTAL<br>CLAIMS                                      | 36   | MINUS                  | 36   | = 0                     | X           | \$ 0                      |
| INDEP.<br>CLAIMS                                     | 4  | MINUS                  | 4  | = 0                     | X           | \$ 0                      |
| [ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM |  |                        |  |                         | +           | \$ 0                      |
| EXTENSION<br>FEE                                     | 1ST MONTH                                  | 2ND MONTH              | 3RD MONTH                                    | 4TH MONTH               |             | \$ 0                      |
| OTHER FEES   |  |                        |  |                         |             | \$                        |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT              |  |                        |  |                         |             | \$ 0                      |

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: May 6, 2005

Typed Name: Sherre Anne Treat

Signature: Sherre Anne Treat

Respectfully submitted,

Ken A. Nishimura & Jonathan Simon

By Michael H. Jester

Michael H. Jester

Attorney/Agent for Applicant(s)  
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Date: May 6, 2005

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- Attach as First Page to Transmitted Papers -



PATENTS  
Docket No. AT10004331-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Ken A. Nishimura et al.**

Patent Appl. No.: **10/087,386**

Filed on: **Mar 01, 2002**

For: **An Optical Signal Multiplexer/Demulti-  
plexer Employing Pseudorandom Mode  
Modulation**

Confirmation No.: **6282**

Group Art Unit: **2633**

Examiner: **Tran, Dzung D.**

**AMENDMENT AND RESPONSE PER 37 C.F.R. §1.111**

MS - AMENDMENT - NO FEE  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-4150

Dear Sir:

Responsive to the Office Action mailed on February 08, 2005, please enter the following  
Amendment in the above-entitled Patent Application: